

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1 (Currently Amended). A system for the concurrent operation of plural computer applications, each said computer application operating in its own virtual machine, said system comprising:

- (a) a shared object space selectively connectable to each said plural computer application, said shared object space capable of storing a plurality of updateable objects accessible to each said plural computer application when connected to said shared object space; and
- (b) a queue associated with said shared object space and capable of storing references to individual said objects received from at least one of said plural computer applications and capable of releasing said references stored in said queue to at least one of said plural computer applications.

2 (Original). The system of claim 1 where said queue is a predefined type.

3 (Original). The system of claim 1 where said queue is customized.

4 (Original). The system of claim 1 where said queue is a "first-in-first-out" queue.

5 (Original). The system of claim 1 where said queue is a "last-in-first-out" queue.

6 (Original). The system of claim 1 where each said virtual machine is a Java virtual machine.

7 (Currently Amended). The system of claim 6 where said shared object space is connected to each said virtual machine through a Java Native Method Interface.

8 (Original). The system of claim 7 where said system includes a default directory with a native language library file.

9 (Original). The system of claim 1 where said shared object space is operably connectable to a non-object-oriented application.

10 (Original). The system of claim 9 where said non-object oriented program is a "C" program.

11 (Currently Amended). The system of claim 1 where access to ~~said~~ at least one of said plurality of objects by said plural computer applications is synchronized.

12 (Original). The system of claim where said shared object space is operably connectable to a Sun Microsystems virtual machine.

13 (Original). The system of claim 1 where said plural computer applications pertain to at least one of:

- (a) stock trading;
- (b) communications processing; and
- (c) internet services.

14 (Currently Amended). The system of claim 1 where ~~said~~ at least one of said plurality of objects is copy shared among said plural applications.

15 (Currently Amended). The system of claim 1 where ~~said~~ at least one of said plurality of objects is direct shared among said plural applications.

16 (Currently Amended). A system for the concurrent operation of plural computer applications, each said computer application operating in its own virtual machine, said system comprising:

- (a) a shared object space selectively connectable to each said plural computer application, said shared object space capable of storing a plurality of updateable objects accessible to each said plural computer application when connected to said shared object space;
- (b) a queue associated with said shared object space and capable of storing references to individual said objects received from at least one of said plural computer applications and capable of releasing said references stored in said queue to at least one of said plural computer applications; and
- (c) said queue receiving said references from a first set of said applications and releasing said references to a second set of applications.

17 (Original). The system of claim 16 where said queue is a predefined type.

18 (Original). The system of claim 16 where said queue is customized.

19 (Original). The system of claim 16 where said queue is a "first-in-first-out" queue.

20 (Original). The system of claim 16 where said queue is a "last-in-first-out" queue.

21 (Original). The system of claim 16 where each said virtual machine is a Java virtual machine.

22 (Currently Amended). The system of claim 21 where said shared object space is connected to each said virtual machine through a Java Native Method Interface.

23 (Original). The system of claim 22 where said system includes a default directory with a native language library file.

24 (Original). The system of claim 16 where said shared object space is operably connectable to a non-object-oriented application.

25 (Original). The system of claim 24 where said non-object oriented program is a "C" program.

26 (Currently Amended). The system of claim 16 where access to ~~said~~ at least one of said plurality of objects by said plural computer applications is synchronized.

27 (Original). The system of claim 16 said shared object space is operably connectable to a Sun Microsystems virtual machine.

28 (Original). The system of claim 16 where said plural computer applications pertain to at least one of:

- (a) stock trading;
- (b) communications processing; and
- (c) internet services.

29 (Currently Amended). The system of claim 16 where ~~said~~ at least one of said plurality of objects is copy shared among said plural applications.

30 (Currently Amended). The system of claim 16 where ~~said~~ at least one of said plurality of objects is direct shared among said plural applications.

31 (Currently Amended). A system for the concurrent operation of plural computer applications, each said computer application operating in its own virtual machine, said system comprising:

- (a) a shared object space selectively connectable to each said plural computer application, said shared object space capable of storing a plurality of updateable objects accessible to each said plural computer application when connected to said shared object space;

- (b) a queue associated with said shared object space and capable of storing references to individual said objects received from at least one of said plural computer applications and capable of releasing said references stored in said queue to at least one of said plural computer applications; and
- (c) said at least one application both storing said references in said queue and receiving said references from said queue.

32 (Currently Amended). The system of claim [[1]] 31 where said queue is a predefined type.

33 (Currently Amended). The system of claim [[1]] 31 where said queue is customized.

34 (Currently Amended). The system of claim [[1]] 31 where said queue is a "first-in-first-out" queue.

35 (Currently Amended). The system of claim [[1]] 31 where said queue is a "last-in-first-out" queue.

36 (Currently Amended). The system of claim [[1]] 31 where each said virtual machine is a Java virtual machine.

37 (Currently Amended). The system of claim [[6]] 36 where said shared object space is connected to each said virtual machine through a Java Native Method Interface.

38 (Currently Amended). The system of claim [[7]] 37 where said system includes a default directory with a native language library file.

39 (Currently Amended). The system of claim [[1]] 31 where said shared object space is operably connectable to a non-object-oriented application.

40 (Currently Amended). The system of claim [[9]] 39 where said non-object oriented program is a "C" program.

41 (Currently Amended). The system of claim [[1]] 31 where access to ~~said~~ at least one of said plurality of objects by said plural computer applications is synchronized.

42 (Currently Amended). The system of claim [[1]] 31 where said shared object space is operably connectable to a Sun Microsystems virtual machine.

43 (Currently Amended). The system of claim [[1]] 31 where said plural computer applications pertain to at least one of:

- (a) stock trading;
- (b) communications processing; and
- (c) internet services.

44 (Currently Amended). The system of claim [[1]] 31 ~~said~~ at least one of said plurality of objects is copy shared among said plural applications.

45 (Currently Amended). The system of claim [[1]] 31 where ~~said~~ at least one of said plurality of objects is direct shared among said plural applications.